



OPERATION UPGRADE

Proven Milling Performance

MOST POPULAR INDEXABLE POCKETS

***PERFORMANCE
CONSISTENCY
RELIABILITY***



Powered by...



Technology

HIGHEST PERFORMING MILLING GRADES

Selection Guide for Face Milling



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Cutter/Insert	Cutter	Insert	Page	Special Features
KDNR... KSSR High Performance RNG45... RPG43...			M116	High-temp alloys PH stainless Austenitic stainless
KSOM OFPT			M117	Large chip cross sections Suitable for all material types except aluminum
KSSM 45° Face Mill SE.T443...			M135	Excellent for machining centers and all material types
FIX-PERFECT Face Mill SPHX1205ZC...			M143	8 cutting edges per insert Adjustable insert seats Medium and fine pitch
KSSM 15° Face Mill SD.T43...			M131	Wide finishing insert available Suitable for all material types
FIX-PERFECT Face Mill SPHX15T6ZC...			M147	8 cutting edges per insert Adjustable insert seats Medium and fine pitch

Selection Guide for Face Milling



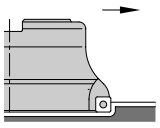
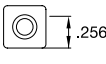
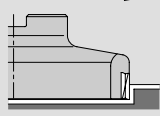
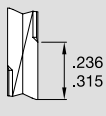
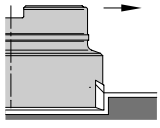
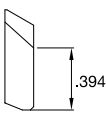
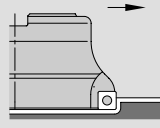
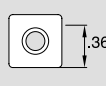

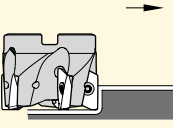
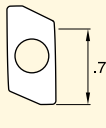
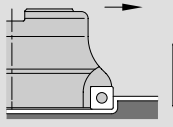

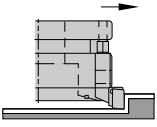
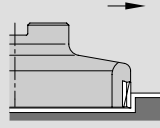
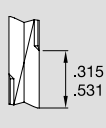
Face Milling

Cutter	Cutting Depth in Inches → .748 (19 mm)	Steel	Stainless Steel	Cast Iron	Non-Ferrous Metals	High-Temp Alloys	Hard Materials	Inserts
		KDNR... / KSSR...	.118		■ KY1540 KY2100			■ KY1540 KY2100
KSOM	.200	■ KC935M KC522M	■ KC522M KC935M	■ KC915M KC520M KC522M KY3500		■ KC522M		Die and Mold Slotting
KSSM45	.260	■ KC725M KC935M KT530M	■ KC725M KC525M	■ KC915M KC520M KY3500	■ KC410M KC510M	■ KC525M		Thread Milling
FIX-PERFECT	.275			■ KC915M KY3500 KC520M				Widia Cutters Vintage Cutters
KSSM15	.315	■ KC725M KC935M KT530M	■ KC725M KC525M	■ KC915M KC520M KY3500	■ KC510M	■ KC525M		Accessories Technical Data
FIX-PERFECT	.472			■ KC915M KY3500 KC520M				Mat'l Database Index

Selection Guide for Shoulder Face Milling



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KSSM 0° Face Mill SD.T3125PP...			M121	Medium and fine pitch Suitable for all material types
FIX-PERFECT Face Mill SPHX1205PC...			M141	8 cutting edges per insert Adjustable insert seats Medium and fine pitch
FIX-PERFECT Face Mill BGHX15L5PC...			M153	2 cutting edges per insert Adjustable insert seats Medium and fine pitch
KSSM 0° Face Mill SD.T43...			M123	Medium and fine pitch Suitable for all material types
Mill 1 Face Mill ED.T1805... 			M169	18 mm depth of cut capabilities Aggressive ramping rates Superior generated surface finish Mill true 90° walls High rpm capabilities
KSSM 0° Face Mill SD.T53...			M125	Medium and fine pitch Suitable for all material types
PCD Cartridge Face Mill KACN...			M161	Axially adjustable Aluminum and non-ferrous material
FIX-PERFECT Face Mill SPHX15T6PC...			M145	8 cutting edges per insert Adjustable insert seats Medium and fine pitch

Selection Guide for Shoulder Face Milling



Cutter	Cutting Depth in Inches → .730 (18,0 mm)	Steel	Stainless Steel	Cast Iron	Non-Ferrous Metals	High-Temp Alloys	Hard Materials	Inserts
		KSSM 0°	.256	■ KC725M KC935M KT530M	■ KC725M KC525M	■ KC520M KC915M KY3500	■ KC410M KC510M	■ KC525M
FIX-PERFECT Face Mill	.315			■ KY3500 KC915M KC520M				End Mills
FIX-PERFECT Face Mill	.394				■ K110M KC510M			Die and Mold
KSSM 0°	.36	■ KC725M KC935M KT530M	■ KC725M KC525M	■ KC520M KC915M KY3500	■ KC510M KC410M	■ KC525M		Slotting
Mill 1 Face Mill	.710	■ KC725M KC935M	■ KC522M	■ KC520M	■ KC410M	■ KC522M KC525M		Thread Milling
KSSM 0°	.492	■ KC725M KC935M KT530M	■ KC725M KC525M	■ KC520M KC915M KY3500	■ KC510M KC410M	■ KC525M		Widia Cutters
PCD Cartridge Face Mill KACN	.492				■ KD1405 KD1410			Vintage Cutters
FIX-PERFECT	.531			■ KC915M KC520M				Accessories

Selection Guide for Slot Cutting, Chamfering, and Helical End Milling



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KSSM 0° End Mill SP.T3.12.5PP...			M193	Slot cutting and corner milling Suitable for all materials
KSSM 45° End Mill SE.T443...			M191	For chamfering and face milling Suitable for all materials
KISR NGE-A End Mill AD.T1035...			M174	1 insert – 3 tools Suitable for all material types
KIPR NGE-I ANGT1.62...			M179	For center cutting and slotting
Chamfer Mill SDEB26..			M187	For chamfering virtually any type of material
Mill 1 ED.T1805...			M168	End milling in all material types
Solid End Mills			M215	For slotting and helical end milling in all material types
NGE I ANGT1.62...			M180	1 insert – 3 tools Suitable for all material types
KSSP 0° Helical SD.T 43			M191	KSSM helical all-effective cutters

Selection Guide for Slot Cutting, Chamfering, and Helical End Milling

Cutter	Cutting Depth in Inches → .733 (186,0 mm)	Steel	Stainless Steel	Cast Iron	Non-Ferrous Metals	High-Temp Alloys	Hard Materials	Inserts	
		KSSM 0°	.256	■ KC725M KC935M KT530M	■ KC725M KC525M	■ KC915M KC520M KY3500	■ KC410M KC510M	■ KC525M	
KSSM 45°	.260	■ KC725M KC935M KT530M	■ KC725M KC525M	■ KC915M KC520M KY3500	■ KC510M KC410M	■ KC525M		End Mills	
NGE-A	.375	■ KC725M KC935M	■ KC725M KC522M KC935M	■ KC520M KC915M KC522M	■ KC410M KC520M KC522M	■ KC525M KC522M KC725M		Die and Mold	
NGE-I	.394	■ KC935M	■ KC935M	■ KC935M	■ KC510M			Slotting	
Chamfer Mill	.500	■ KC725M	■ KC725M	■ KC520M		■ KC725M		Thread Milling	
Mill 1	.710	■ KC725M KC935M	■ KC522M KC525M KC725M KC935M	■ KC520M KC935M KC522M	■ KC410M KC520M KC522M	■ KC522M KC725M KC525M		Widia Cutters	
Solid End Mills	1.654	■ KC610M	■ KC610M	■ KC635M	■ KC625M	■ KC635M	■ KC633M		Widia Cutters
NGE I	2.24	■ KC725M	■ KC725M	■ KC520M	■ KC570M	■ KC935M		Vintage Cutters	
KSSP 0° Helical	2.40	■ KC725M KC935M KT530M	■ KC725M KC525M	■ KC520M KC915M KY3500	■ KC510M KC410M	■ KC525M		Accessories	

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KVNS Very Narrow Slotting ODG...		 .063, .086, .118, .157	M331	0° base slot angle
LN Slotting Cutter, type A and B LNE.12...		 .236 - .512	M340	choice of 2 models (disc or cup shape) 2° base slot angle
SN Slotting Cutter SNHX...		 .157 - .551	M340	Stable design 2° base slot angle
KSSS Slotting SP-T3125... SD-T43...		 .551 - .917	M345	4 cutting edges Wide variety of materials Same insert as KSSM 90° face mills

Selection Guide for Slotting Cutters



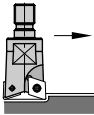
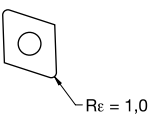
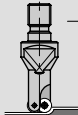
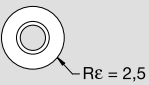
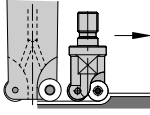
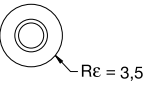
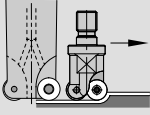
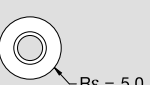
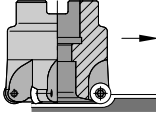
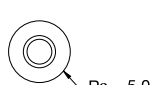
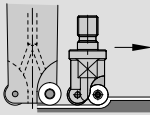

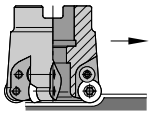
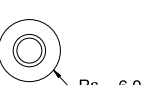
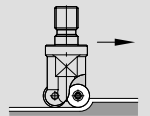

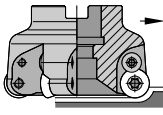
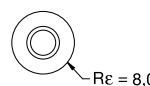
Cutter	Cutting Width in Inches ← .063 – .984 →	Steel	Stainless Steel	Cast Iron	Non-Ferrous Metals	High-Temp Alloys	Hard Materials	Inserts	
		KVNS	.063 - .157	■ KC935M KC735M	■ KC935M KC735M	■ KC935M KC735M	■ KMF	■ KC735M	■ KC735M
LN Slotting Cutter	.236 - .512	■ KC725M KC525M	■ KC725M KC525M	■ KC520M KC915M	■ KC510M	■ KC725M KC525M	■ KC725M KC525M	■ KC725M KC525M	■ KC725M KC525M
SN Slotting Cutter	.157 - .551	■ KC725M KC525M	■ KC725M KC525M	■ KC915M KC520M	■ KC510M	■ KC725M KC525M	■ KC725M KC525M	■ KC725M KC525M	■ KC725M KC525M
KSSS Slotting	.551 - .709 .709 - .917	■ KC935M KC725M KT520M	■ KC725M KC525M	■ KC520M KC915M KY3500	■ KC510M KC410M	■ KC525M	■ KC525M	■ KC525M	■ KC525M

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KMM XDHX		 Rε = 1,0	M320	Modular screw-on
KMM RD..0501..		 Rε = 2,5	M300	Modular screw-on 5 mm IC
KDM RD..07..		 Rε = 3,5	M301	Modular screw-on & end mill 7 mm IC
KDM RD..10..		 Rε = 5,0	M304	Modular screw-on & end mill 10 mm IC
KDM RD..10..		 Rε = 5,0	M304	Shell mill 10 mm IC
KDM RD..12..		 Rε = 6,0	M308	Modular screw-on & end mill 12 mm IC
KDM RD..12..		 Rε = 6,0	M308	Shell mill 12 mm IC
KDM RD..16..		 Rε = 8,0	M312	Modular screw-on 16 mm IC
KDM RD..16..		 Rε = 8,0	M312	Shell mill 16 mm IC

Selection Guide for Copy Milling

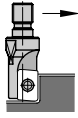

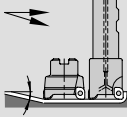
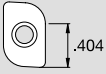
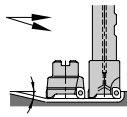
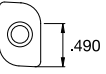
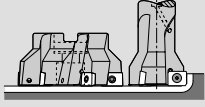
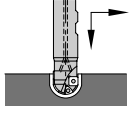
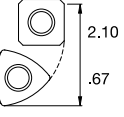


Cutter	Cutting Depth in Inches		Steel	Stainless Steel	Cast Iron	Non-Ferrous Metals	High-Temp Alloys	Hard Materials	Inserts
	.09 (2,5 mm)	.490 (12,4 mm)							
KMM XDHX	1 mm corner radius		KC522M KC715M KC725M	KC522M KC525M KC725M	K110M	K110M	KC522M KC525M KC725M		Face Mills
KMM RD..0501..	.09 (2.5 mm)		KC522M KC715M KC725M	KC522M KC715M KC725M		KC510M	KC525M KC725M		End Mills
KDM RD..07..	.135 (3,5 mm)		KC522M KC715M KC725M	KC522M KC525M KC725M	K110M	K110M KC510M	KC525M KC725M		Die and Mold
KDM RD..10..	.195 (5 mm)		KC522M KC715M KC725M	KC525M KC725M	K110M	K110M KC510M	KC525M KC725M		Slotting
KDM RD..10..	.195 (5 mm)		KC522M KC715M KC725M	KC525M KC725M	K110M	K110M KC510M	KC525M KC725M		Thread Milling
KDM RD..12..	.236 (6 mm)		KC522M KC715M KC725M	KC525M KC725M	K110M	K110M KC510M	KC525M KC725M		Widia Cutters
KDM RD..12..	.236 (6 mm)		KC522M KC715M KC725M	KC525M KC725M	K110M	K110M KC510M	KC525M KC725M		Vintage Cutters
KDM RD..16..	.310 (8 mm)		KC522M KC715M KC725M	KC525M KC725M	K110M	K110M KC510M	KC525M KC725M		Accessories
KDM RD..16..	.310 (8 mm)		KC522M KC715M KC725M	KC525M KC725M	K110M	K110M KC510M	KC525M KC725M		Technical Data
KDM RD..16..	.310 (8 mm)		KC522M KC715M KC725M	KC525M KC725M	K110M	K110M KC510M	KC525M KC725M		Mat'l Database
KDM RD..16..	.310 (8 mm)		KC522M KC715M KC725M	KC525M KC725M	K110M	K110M KC510M	KC525M KC725M		Index

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NGE-A AD..1035..			M324	Modular screw-on 10 mm IC
RPF LFEW252...			M292	Multiple corner radii "Ramp, Plunge, Face"
RPF LFEW353...			M294	Multiple corner radii "Ramp, Plunge, Face"
Z-axis			M316	Plunge milling
Indexable Ball Nose SPGX... WPGX....			M318	

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Cutter	Cutting Depth in Inches		Steel	Stainless Steel	Cast Iron	Non-Ferrous Metals	High-Temp Alloys	Hard Materials	Inserts
	.09 (2,5 mm)	.490 (12,4 mm)							
NGE-A AD..1035..	.357 (9 mm)		■ KC725M KC935M	■ KC522M KC725M KC935M	■ KC935M	■ KC510M	■ KC522M KC525M KC725M		Face Mills
RPF LFEW252...	.404		■ KC725M KC935M	■ KC725M KC935M	■ KC935M	■ KC510M	■ KC725M		End Mills
RPF LFEW353...	.490		■ KC725M KC935M	■ KC725M KC935M	■ KC935M	■ KC510M	■ KC525M KC725M		Die and Mold
Z-axis			■ KC725M KC935M	■ KC525M KC725M KC935M	■ KC520M KC935M		■ KC525M KC725M		Slotting
Indexable Ball Nose SPGX... WPGX....	.67 to 2.10		■ K110M KC935M	■ KC935M	■ K110M KC935M	■ K110M			Thread Milling
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